

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An alloy comprising, ~~in atomic percent:~~
at least about 50 atomic percent[[%]] rhodium;
up to about 49 atomic percent[[%]] of a first material, said first material comprising at least one of palladium, platinum, iridium, and combinations thereof;
from about 1[[%]] to about 15 atomic percent[[%]] of a second material, said second material comprising at least one of tungsten, rhenium, and combinations thereof; and
up to about 10 atomic percent[[%]] of a third material, said third material comprising at least one of ruthenium, chromium, and combinations thereof; and
a fourth material, said fourth material comprising at least one of zirconium, yttrium, hafnium, tantalum, aluminum, titanium, scandium, elements of the lanthanide series, elements of the actinide series, and combinations thereof, wherein the fourth material is present in an amount less than 3 atomic percent;
wherein said alloy comprises an A1-structured phase at temperatures greater than about 1000° C, in an amount of at least about 90% by volume.
2. (Previously presented) The alloy of claim 1, wherein a sum of the amount of rhodium in said alloy plus the amount of said first material in said alloy is at least about 75 atomic percent.
3. (Previously presented) The alloy of claim 2, wherein said sum is at least about 85 atomic percent.
4. (Previously presented) The alloy of claim 1, wherein
said second material is present in an amount from about 1 atomic percent to about 6 atomic percent; and
said third material is present in an amount up to about 8 atomic percent, wherein said ruthenium is present in an amount up to about 4 atomic percent and said chromium is present in an amount up to about 6 atomic percent.
5. (Cancelled) The alloy of claim 1, further comprising, in atomic percent,
up to about 3% of a fourth material, said fourth material comprising at least one of zirconium, yttrium, hafnium, tantalum, aluminum, titanium, scandium, elements of the lanthanide series, elements of the actinide series, and combinations of any of the foregoing.